30473-1

ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	31	202	0	0 S	202	0	217	1,104,688	32,867	124,656
API# API# 02-001-20001				114 U						
				103 V						
01 Navajo-138 (388)	31	410	0	0 S	410	0	1,054	1,097,983	63,527	611,709
API# 02-001-20012				553 U						
				501 V						
01 Navajo-C (484)	31	32	0	0 S	32	0	31	6,694	2,092	1,688
API# 02-001-20092				16 U						
				15 V						
01X Navajo-B (445)	31	582	0	0 S	582	0	248	1,830,838	49,244	213,314
API# 02-001--20068				130 U						
				118 V						
02 Navajo-88 (431)	30	162	139	0 S	162	139	210	816,585	272,711	134,416
API# 02-001-20055				110 U						
				100 V						
03 Navajo-138 (723)	30	129	0	0 S	129	0	420	89,267	5,147	90,512
API# 02-001-20253				220 U						
				200 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	29	369	0	0 S	369	0	812	1,881,701	264,022	619,866
API# 02-001-20011				426 U						
				386 V						
04 Navajo (384)	31	3,598	12,249	0 S	3,598	12,249	31	3,438,404	2,023,791	101,668
API# 02-001-20009				16 U						
				15 V						
06 Navajo (390)	31	183	0	0 S	183	0	31	277,230	12,448	85,059
API# 02-001-20014				16 U						
				15 V						
06 Navajo-88 (722)	31	150	0	0 S	150	0	31	42,485	728	260,467
API# 02-001-20252				16 U						
				15 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396) API# 02-001-20020	0	0	0	0 S 0 U 0 V	0	0	0	1,656,074	554,845	259,211
11 Navajo (506) API# 02-001-20106	31	734	0	0 S 434 U 0 V	734	0	434	937,062	81,446	618,351
14 Navajo (416) API# 02-001-20040	30	35	0	0 S 63 U 57 V	35	0	120	306,537	21,041	146,749
15 Navajo (417) API# 02-001-20041	0	0	0	0 S 0 U 0 V	0	0	0	114,819	15,449	37,903
16 Navajo (419) API# 02-001-20043	0	0	0	0 S 0 U 0 V	0	0	0	96,442	34,583	16,680
17 Navajo (618) API# 02-001-20190	0	0	0	0 S 0 U 0 V	0	0	0	55,565	8,931	41,056
19 Navajo (691) API# 02-001-20240	30	563	0	0 S 540 U 0 V	563	0	540	309,343	11,443	232,192
20 Navajo (696) API# 02-001-20245	31	115	0	0 S 16 U 15 V	115	0	31	179,392	4,074	79,940
21 Navajo (693) API# 02-001-20242	31	423	0	0 S 49 U 44 V	423	0	93	54,790	26,816	27,495
22 Navajo (692) API# 02-001-20241	31	96	0	0 S 65 U 59 V	96	0	124	46,030	4,153	30,844
24 Navajo (695) API# 02-001-20249	0	0	0	0 S 0 U 0 V	0	0	0	97,499	364,648	49,699
25 Navajo (719) API# 02-001-20249	31	89	0	0 S 163 U 147 V	89	0	310	63,708	3,842	54,042

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20251				0	U						
				0	V						
27 Navajo (721)	29	172	0	0	S	172	0	174	76,365	665	49,501
API# 02-001-20251				91	U						
				83	V						
Operator & Field Total		8,044	12,388	4,911		8,044	12,388	4,911	14,764,728	3,920,989	4,080,398
Abandoned Producers									2,801,629	1,096,330	436,809*
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,566,357	5,017,319	4,517,207*
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	23	15	0	30,346	S	15	0	30,346	8,204	65,124	478,378*
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	23	10	0	7,659	S	10	0	7,659	462,879*	477,357	138,525
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	20	673	21,976	0	S	673	21,976	0	84,562	476,284	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		698	21,976	38,005		698	21,976	38,005	555,645*	1,018,765	620,452*
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									795,606*	2,096,583	647,951*
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	1	5	0	0	S	5	0	2	133,129	662,213	1,929,370
API# 02-001-05199				2	U						
				0	V						
02 Navajo (22)	1	12	0	0	S	12	0	5	16,832	8,828	1,765,221
API# 02-001-05200				5	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		17	0	7		17	0	7	157,982	793,815	3,729,814
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,653	5,006,077	9,635,302
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	17	12	0	8,180	S	12	0	8,275	818	233	802,802
API# 02-001-20145				95	U						
				0	V						
03 Black Rock (581)	17	41	95	5,259	S	41	95	5,354	2,104*	1,384	329,203
API# 02-001-20162				95	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
05 Black Rock (868)	17	4	435	8,180	S	4	435	8,275	3,632*	2,935	787,489
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	10	17	100	36,809	S	17	100	36,904	3,108*	807	655,577
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		74	630	58,808		74	630	58,808	9,662*	5,359	2,575,071
Abandoned Producers									17,265	283,008	1,634,565*
TOTAL BLACK ROCK (ISMAY/AKAH)									26,927*	288,367	4,209,636*
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		8,833	34,994	101,731		8,833	34,994	101,731	19,862,969*	12,977,325	23,959,501*

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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